

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s):** Hiroyuki Irie, et al.

**Examiner:** Unassigned

**Serial No:** To be assigned

**Art Unit:** Unassigned

**Filed:** Herewith

**Docket:** 17035

**For:** ARTIFICIAL BONE AND  
TISSUE ENGINEERING  
CARRIER

**Dated:** September 18, 2003

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. U.S. Patent No. 5,531,794, dated July 2, 1996, issued to Takagi et al.; and
2. Japanese Laid-open Patent Publication (Kokai) No. 2000-302567, dated October 31, 2000.

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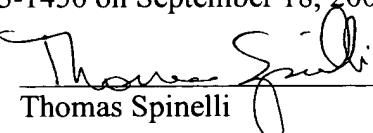
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Dated: September 18, 2003

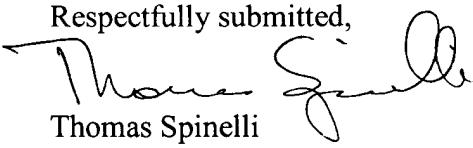


Thomas Spinelli

Applicants are submitting a copy of reference 2 together with a concise explanation of relevancy. Reference 1 is not being submitted herewith, as copies of U.S. patents are no longer required per the waiver of 37 C.F.R. § 1.98(a)(2)(i) in effect as of June 30, 2003. The relevance of reference 2 has been described in the specification.

**Concise Explanation of Relevance (Reference 2):** The publication describes a porous sintered body mainly formed of calcium phosphate. The porosity of the sintered body is not less than 55% and not more than 90%, and the spherical pores of the sintered body communicate with one another substantially in the entirety. The average diameter of the portions that allow communication of the pores is not less than 50  $\mu\text{m}$ , and the diameter of the pores is not less than 150  $\mu\text{m}$ . The strength the sintered body has against three-point bending is not less than 5 Mpa.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,  
  
Thomas Spinelli  
Registration No.: 39,533

Scully, Scott, Murphy & Presser  
400 Garden City Plaza  
Garden City, New York 11530  
(516) 742-4343

TS:cm

